
The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

Issue 366 - Dec 12, 1986

DXpedition News

Johnston Island - KH3 KL7LF has been operating /KH3 from Johnston Is. recently. Joe says he'll be stationed there for one year, and expects to be on all bands 160-10, including RTTY. He has a few weeks of school on the mainland, and then back to Johnston early next year. QSL KL7VZ.

Mayotte - FH The Colvins continue to be weak but workable as **FH/W6KG**. Lloyd's operating stints seem to be very short; he may not be feeling well. Iris is picking up the slack. Watch 14000 around 1600Z, 14183 list operation about 1800Z, as well as later in the day for some freestyle SSB activity. Iris said they would be leaving "In a few days." Next spot is probably **Comoros D68**.

Nepal - 9N Four members of the Japan UNICEF Ham Club will stay in Nepal Dec. 23-29, to establish a ham radio station for local boy scouts. They're hoping for individual callsigns, such as the **9N5HCK** license one of the group received during their last visit in Aug. If not, they'll guest-operate **9N1MM** and **9N1MC**, including low bands and RTTY, if they can swing permission for same.

Maldives - 8Q Joe **WA6VNR** and his wife Nancy **KB6MME** will operate from several spots in the Indian Ocean next Spring, including the Maldives. Mostly CW at 7002 and 14005, but sometimes 25 kHz up for the non-Extras. Tailenders okay. They'll be on 75/80 M if they can figure out some portable wire antennas. Any suggestions? More details to come.

The Last Resort VP2MU

Greg **K8GL** broke the old world record on 80 meters during the CQWW CW contest, with 1600 QSOs in 90 countries. Greg ran a pair of phased verticals with 50 radials at the 80 M position of the M/M **VP2MU**. Total score for **VP2MU** was 11 Meg, probably good enough for 3rd in the world!

Correction

In Issue 361, **TDXB** gave the name of **5H3RB** as Noel. It should be **Roel**, **NM2R**.

Shortly Noted

- **T50DX**: QSL to **I2JSB**, Giorgio Savani, Via delle Primule 14, I-25056 Ponte di Legno.
- Tom **N4NW** operated **9Q5TV** Nov. 28-29 on SSB. No key, or he would have entered the contest. QSL these **9Q5TV** contacts to **KC4NC** (see below.) Tom expects his own **9Q5** license soon.
- **Zone 23** Haven't hooked up with a JT or **UA0Y** station for **WAZ-50**? Listen for **BY9GA** 14226 at 2345Z.
- **S79HWH** Willie in the Seychelles will make CW contacts on request. The Colvins hope to operate from **S79** after Comoros.
- **HH2MR** frequents 14185 kHz 11-1200Z.
- Look for **C56/6W1NX** Dec. 25-Jan. 4, on all bands. He runs a Kenwood **TS-430S** into dipoles. QSL **JA1LFR**.
- **RTTY Notes** **BY1PK** is up and running on RTTY, on 400 Hz shift. Watch 14090 at 2330Z. QSL Box 2654, Beijing. Julio **D44BC** now has his RTTY setup running, thanks to Jim **N6TJ**. QSL Callbook address. **JW5E** is a club station new to RTTY, QSL **LA5NM**.
- QSL the recent CQWW CW **KP2N** operation via **K8OHC**.

Donations Wanted

Bruce Butler **W6OSP** has arranged for a 2-element triband beam for Ken **8Q7CH** in the Maldives. Contributions from DXers are requested to help pay for this antenna. He is also looking for small amplifier. Send your contribution to Bruce at 3783 Young Ave., Napa CA 94558. Ken will be back in the Maldives after the first of the year.

And Tom **N4NW** is trying to improve **9Q5TV**'s station by getting the 2-element quad higher than the present 30'. Spare finals for the **TL-922** amp would also be appreciated. Donations may be sent to Tom Brown **KC4NC**, 742B West 21st St., Norfolk VA 23517.

— Chod Harris **VP2ML** Editor

Copyright *The DX Bulletin*. *The DX Bulletin* (ISSN 0279-8077) is published fifty times per year at 816 Fourth Street, Suite 1001, Santa Rosa, CA 95404 (707) 523-1001. One-year subscription rates are: \$28 Second Class Mail, \$35 First Class Mail, US.\$50 Foreign Airmail. Second-class postage paid at Santa Rosa, CA. POSTMASTER: Send address changes to *The DX Bulletin*, 816 Fourth Street, Suite 1001, Santa Rosa, CA 95404.

PROPAGATION

Forecast and Historical Data

Day December	Forecast	27 Days Before			54 Days Before		
		Date	Flux	A K	Date	Flux	A K
12	Low Nor	11/15	77	09/18	3	10/19	89 19/27 4
13	Low Nor	11/16	77	13/17	3	10/20	93 13/20 2
14	High Nor	11/17	76	09/13	2	10/21	92 19/16 2
15	High Nor	11/18	75	05/08	2	10/22	95 11/10 2
16	High Nor	11/19	74	02/07	2	10/23	99 08/08 2
17	Above Nor	11/20	74	03/08	1	10/24	98 02/05 2
18	Above Nor	11/21	76	04/07	2	10/25	96 02/05 1
19	High Nor	11/22	76	03/07	1	10/26	95 03/07 0
20	Disturbed	11/23	78	02/15	2	10/27	96 15/31 4
21	High Nor	11/24	79	17/45	3	10/28	95 11/13 2

Thanks N4XX and KH6BZF. (Dec. 15 and later forecasts based on 54-day data.)

Propagation Watch

More good times for DXers are on the way, if the sun repeats prior activity. A bump in solar flux and a period of very low absorption should coincide in mid-Dec, producing fine band conditions. Look for longer, stronger openings on 20, occasional fireworks on 15 and 10, and good low-band signals, thanks to low absorption. Get your DXing in by Dec. 20, as absorption is expected to rise during the last ten days of 1986.

The sunspots that are giving us an early Christmas present of good band conditions are all Cycle 22 spots: high latitude and reverse polarity. It's still too early to say we've passed the bottom of the sunspot cycle, but we're at least very close to it!

QSL INFO

QSL Help Wanted

- CR7RJ Jorge in Porto Amelia, in Mar 1971 for AI00.
- LA7Q Oct 86 and F5II/FY Feb 85 for WA6SLO.
- JA0BSL/1 is looking for help with: MP4BGX April '69, G3XHE is a silent key; VU2DIA, cannot find VU2DI; 6Y5BF Nov. '74; and CM7RM Oct. '83.
- K1HDO needs help with SU1XJ from April '84 (Box 2066 Cairo hasn't worked); and DU2KT Oct. 81.
- and The DX Bulletin needs QSL routes for the DX stations active in CQWW contests, such as EA9CE.

QSL Help Offered

- WW4Q reports getting his VK9MR QSL from VK2WU (not VK2MU) in June '85, after about six months.
- KZ5AA home call is AG4K; KC6BK home call is KH6SK. V22A is via WB7RFA. WA1ARF/KS4 is via K6JG if before June 22, 1971, via WA4SBK if after.
- KM6BI may be via W5RV or WA3HUP.
- KC6BK was P29KK in 1979 (see 1983 Callbook.) But he didn't QSL a P29 QSO either!

Stickers Wanted

Do you have any DXCC stickers available? TDXB readers are looking for 190 and 300 level DXCC stickers. If you have one to spare, please send it to The DX Bulletin. Thanks.

50 MHz Beacon List Available

The DX Bulletin has a four-page list of active (and not-so-active) 6 meter beacons, as compiled by the IARU. Send a business-sized SASE for a copy.

CALENDAR

(Changes and hot info in **boldface**)

Antarctica FT8YA 7006 at 1130-1230Z
 Aves - YV0 4M0ARV Mar. 16-22 I364
Cape Verde - D4 D44BC now on RTTY 1600Z
 Chad - TT8 TT8AQ until Feb. I365
 Chagos - VQ9 VQ9QM 7002 1400Z, 14026
 VQ9GB 7001 at 1300Z
 China - BY BY1QH 14028 2300Z I364
BY1PK now on RTTY 4000Z
 Comoros - D68 D68WS 14177 1930Z I365
 Colvins from mid-Dec.
 Crozet - FT8W FT8WA 14213 0130Z I365
 Desecheo - KP5 by NP4TP late-Dec. I365
 Franz Josef UV100 3501 03-0400Z
 Gambia - C5 **G4s/C56 now-Dec 18 I364**
C56/6W1NX Dec. 25-Jan 4
 ZD9CL now there I362,3
 Guantanamo KG KG4XO 1834 02-0300Z I363
Heard Is. -VK0 VK0DA on now I365
Hong Kong VS6 VS6DO 1825 11-1300Z
 India - VU 0130-0230 20/40M + 1200Z
Johnston Is KH3 KL7LF/KH3 for 1 yr. I366
 Kerguelen - FT FT8XD should be on soon
 Kermadec - ZL8 ZL8HV now there I361
 Kampuchea - XU XU1SS 14025 11-1200Z,
 14180 at 1200Z Sundays
 Little Caymen ZF2AG/ZF8 Dec. 1-15 I364
 Malawi - 7Q 7Q7LW 21285 1700Z I364
 14285 at 1730Z Fri. I361
 8Q7CH 14004 at 1700Z
WA6VNR in March I366
 VK0GC and VK0SJ now I365
 Marshall - KX6 KX6DS at 7006 after 0930Z
 Mauritius - 3B8 3B8CF 7025 at 0130Z I362
 Mayotte - FH FH/W6KG 14002 17-2100Z
14183 at 1800Z, list
 7J1ACH 1911 1230Z I356
 Nepal - 9N by JAS Dec. 23-29 I366

New Caledonia FK/F6BFH Dec. 16-26 I365
 Reunion - FR FR4ZD 7003 at 0300
 Sri Lanka - 4S7 JA8RUZ/4S7 Dec. 30 I364
 So. Shetlands 3G9BSQ soon I363
 CX0XY early Feb. I363
 LU6UO/Z Jan-Mar '87 I365
 by DULCK end of Jan I364
 Spratly - 1S 5H3ZO 14028 19-2200Z
 Tanzania - 5H ZD9BV Now I354
 Tristan - ZD9 FR5AI/T Mar 1987 I365
 Tromelin - FR/T 14025-30 1130-1200Z
 Vienna - 4ULVIC KH9AC 14309 0330Z
 Wake Is. - KH9 3860+ at 10-1400Z
 W. Kiribati T30 T30AT leaving soon I363
 Zaire - 9Q5 YU3KI in Dec. I364
 Zimbabwe - Z2 Z23JO 7005 at 0400Z

Contests and DX Events

- ARRL 10 Meter Dec. 13-14
- 73 Mag 10 Meter SSB Jan 3-4
- 73 Mag 15/20 Meter SSB Jan 10-11
- Hungary DX CW Jan 17-18
- 73 Mag 160 Meter SSB Jan 17-18
- CQWW 160 Meter CW Jan 23-25
- France DX CW Jan 24-25
- 73 Mag 40 and 75 SSB Jan 24-25

This issue of The DX Bulletin is brought to you through the kindness of the following **valued contributors**: K1MEM, K1LSR, W4VQ, N4XX, N4NO, KH6BZF, W6TFO, W1NH, KA8JZR, K4BAI, NCDXC, W4PC, WB9HAD, NW6P, W6GO, WA6PJR, W7AWA, AB8K, DXPRESS, WW4Q, N7CKD, K1HDO, KC3DJ, WL7K, WLJR, K8GL, WW6D, K6IR, KD7SO, AA4SY, JH1FDP, JH1LKH, WB8ZRL, DK1RV, SM5DQC, WA1WTP, W6BJI, AE1H, N8GGI. Many Thanks!

DX Net List Available
Dieter Konrad OE2DYL
offers the sixth edition
(6/87) of his comprehensive
DX Nets Around the World
list for US\$3 or 4 IRCs.
Adr: Bessarabierstr. 39,
A-5020 Salzburg, Austria.

BANDPASS

**Reports Wanted,
Especially RTTY, 30 meters**

RTTY				
5N/ON7VD	14091	2129	23	CA
5N8ZHN	14095	1906	21	CA
5N9/	14093	2008	30	CA
IK1FOS				
BY1PK	14090	2340	19	CA
C31NP	14097	2056	23	CA
CT1ZQ	14093	1625	29	OH
CT3BX	21085	1635	27	OH
CT3BX	14097	1505	30	OH
CT3BX	14089	1641	1	CA
D44BC	14086	1820	2	CA
D44BC	14081	1616	20	CA
DU1RP	14090	2316	19	CA
EA8BEE	21088	1515	27	OH
FR4DL	14097	1745	23	CA
FY7AN	14083	2223	24	CA
HI3ADI	14092	1835	30	OH
HI8HFO	14089	2256	2	CA
IT9EPK	14088	1400	29	OH
JW5E	14089	1737	28	CA
TG9VT	14098	1620	29	OH
TK5UC	14082	1701	22	CA
160 MTRS				
4X4NJ	1842	0355	24	MA
5T5XX	1831	0225	28	CO
5T5XX	1830	0608	27	MA
9Y4DK	1826	0147	23	WA
9Y4XX	1832	0320	27	WA
CO2PY	1830	0505	28	MA
D44BC	1840	0405	24	IL
EA6NB	1833	0634	1	IL
EA8QO	1832	2318	23	MA
EA8XS	1839	0654	23	WA
FG5AM	1832	0321	3	FL
FY5YE	1838	2153	23	MA
GD4BEG	1833	0707	22	IL
GI3OQR	1838	0647	22	WA
HB9CXZ	1842	0653	23	WA
HC1BI	1838	0345	23	MA
HI8LC	1825	0218	5	FL
HK1QQ	1836	0302	22	RI
HL9CW	1806	1440	24	WA
JA1CGM	1909	1151	21	RI
JA6VAT	1911	1404	22	WA
KG4XO	1834	0845	23	WA
KG4XO	1838	0345	21	WA
KG4XO	1834	0350	28	MA
KH6AT	1831	0629	22	WA
KH6CC	1830	0640	21	WA
KL7GKY	1827	1827	23	WA
KL7U	1833	0722	21	WA
KP4DJ	1836	0220	4	FL

KX6DS	1830	0625	21	WA
OH1XX	1832	0627	22	WA
OH1XX	1831	0652	21	WA
OH2BA	1830	0438	22	WA
OK1DTM	1829	2224	24	RI
OZ1LO	1834	0636	21	WA
OZ3Y	1831	2155	21	RI
PAOHIP	1834	2358	24	MD
SP3BQD	1842	0629	21	WA
TF3KG	1834	0621	23	WA
TG9NX	1840	0622	22	WA
UP1BZZ	1835	0206	5	FL
VK2RS/3	1831	1101	1	IL
VP2VA	1821	0149	2	FL
VP8HD	1835	0458	22	WA
VS6DO	1825	1227	24	IL
XE1VIC	1839	0847	25	RI
XE3ARV	1828	0217	5	FL
XE3ARY	1835	0313	22	WA
YN1/	1821	0148	2	FL
WBONAA				
ZL2BT	1839	0835	25	RI
ZS1H	1832	0342	1	IL
ZS4PB	1838	0335	22	RI
80 MTRS				
3B8CF	3506	0142	3	FL
6W1CK	3789	0258	23	MA
6Y5AG	3790	0406	27	FL
7X2AX	3501	2154	23	MA
8P9AG	3507	0114	27	NH
A71BC	3506	2215	24	NH
DU2/KK7K	3798	1457	1	CA
EA6NB	3505	0540	27	MA
EA9QD	3505	2355	27	NH
FY4EE	3508	0146	3	FL
HK1BYM	3503	0446	3	CA
J78A	3511	0107	27	NH
JA1ELY	3798	1144	22	RI
KG4XO	3796	0235	28	CO
LX1EL	3795	2235	24	RI
ON4UN	3502	0630	23	OR
RL7IBC	3503	2125	24	NH
SP9PDF	3798	0556	25	RI
SV1DO	3501	0338	27	NH
TI4SU	3504	1147	27	GA
TV6MMZ	3519	2327	6	FL
UO4OAA	3507	0146	4	FL
VK2CWG	3796	1112	21	RI
VP2M/	3509	0220	28	CO
K8GL				
VP2VA	3501	0119	3	CA
VU2GDG	3695	1510	2	CA
WP4D	3503	2359	25	NH
XE3ARV	3508	0214	4	FL
YTOEXY	3502	0145	4	CO
ZB2X	3507	2324	27	NH
ZL2BT	3795	0807	25	RI
40 MTRS				
3B8CF	7005	0226	4	FL
7Q7LW	7014	0356	27	CA
9J2BO	7002	0440	22	NH
9V1TL	7001	1603	23	OR
BV2B	7003	1431	3	CA
BV2DA	7006	1533	27	CA
DU2/N7ET	7004	1343	2	CA
EA6/G6ZY	7002	2320	6	FL
FH/W6KG	7001	2338	24	MA
FH/W6KG	7001	0324	3	FL
FK8KAA	7007	0635	23	OR

FO5FO	7001	0625	26	MA	BY5RF	14226	0100	27	OR
FY4EE	7009	0143	27	CA	BY5RF	14226	0050	2	CA
HC8/K1XM	7003	0342	6	FL	BY9GA	14226	0020	2	CA
HK0BKX	7003	1151	27	GA	BY9GA	14227	0015	3	CA
ISOLMM	7020	2356	6	FL	C31LBB	14019	1500	6	FL
KG4XO	7026	0033	28	GA	C31LBB	14026	1208	27	GA
OX3KM	7092	0953	22	RI	C53BU	14212	2235	25	MD
SV1DO	7006	2323	6	FL	C53FJ	14226	2028	25	CA
UF6VB	7001	0138	5	FL	CN8MK	14237	1728	20	MD
UL7CAD	7004	1531	26	OR	D68WB	14176	1925	23	OR
UL7LRO	7009	0148	5	FL	EA6NB	14023	1611	27	GA
UV100	7034	0100	29	AL	FR5DX	14189	2015	28	NH
V44/	7006	1150	2	OH	GD4AM	14026	1652	3	CA
WA2HZR					HC8/K1XM	14008	2252	2	FL
VK6RZ *	7001	2311	6	FL	HC8/KQ1F	14003	2155	28	NH
VK6XA	7004	1342	2	CA	HS4AMS	14226	2323	23	OR
VP2MDY	7025	0034	5	FL	I8YSU *	14198	1540	4	CA
VP2V/	7001	2222	4	FL	JY8NT	14013	1456	6	FL
K7NHV					KC6HA	14226	0018	29	CA
VP5/	7003	0217	2	FL	KHOAC	14226	2332	28	CA
K6ANP					KH3/	14187	0125	7	CA
VQ9QM	7006	2350	6	FL	KL7LF				
VQ9QM	7001	1220	25	MA	LU9EDY	14005	2334	2	CA
VU2DX	7004	0124	3	CA	OX3KD	14014	2052	2	FL
VU2TEC	7006	1531	26	OR	PJ1ILR	14001	1710	6	FL
VU2TEC	7007	1150	27	GA	S79WHW	14183	1800	28	NH
VU2TEC	7001	1600	23	OR	TE86CR	14012	1232	5	FL
VU2TEC *	7004	0104	3	CA	Costa Rica				
XX9XX	7003	1420	3	CA	TP2CE	14009	1444	6	FL
YN3EO	7004	0508	24	AK	TU4BU	14223	2210	30	CT
ZD8CW	7005	2347	6	FL	TZ6FIC	14022	1759	5	FL
ZS1H	7007	0400	27	OH	TZ6LPY	14183	2058	28	NH
ZV8WAS	7003	0134	5	FL	UR1RWW	14212	1305	23	PA
30 MTRS					V85HG	14168	2314	22	MD
YU1NR	10102	2122	22	FL	V85HG	14182	0057	27	OR
ZS6FS	10102	0355	28	FL	VK0SJ	14238	1255	28	OH
20 MTRS					VP2MDY	14030	2200	4	FL
3B8CF	14226	1825	28	CA	VP5/WW6F	14208	1656	27	CA
3C1MB	14243	0837	22	AK	VP5/WW6F	14219	2251	2	CA
3C1MB	14226	2226	24	MD	VP8BGO	14157	2248	24	MD
3D2TB	14030	1732	6	CA	VP8BGX	14160	0040	25	KY
4U1VIC	14004	1440	6	FL	VU2GI *	14159	1335	27	OH
5H3ZO	14027	2003	27	OH	VU2NR	14199	1255	29	OH
5T5RA	14226	2142	30	CT	XU1SS	14226	2356	24	CA
5T5RA	14161	2145	28	NH	XU1SS	14226	2346	28	CA
5T5SL	14032	2043	22	NH	XX9XX	14194	0124	7	CA
5T5SL	14028	2030	6	CA	XX9XX	14025	0020	3	CA
5T5SL	14028	1545	6	FL	YI0BIF	14199	1550	22	NH
5V7WD	14227	2043	1	CA	Z21FO	14203	2023	28	NH
5X5GK	14183	1905	28	CA	ZD9CA	14183	2010	28	NH
6W1AD	14028	2320	27	GA	ZS3AV	14160	1832	22	AK
6W1AD	14011	2212	26	MA	15 MTRS				
6W1NX	14160	2345	25	CA	3D2TB	21030	0045	3	CA
7J1ACH	14226	2310	22	MD	5H3ZO	21028	1644	27	GA
9J2BO	14020	1927	27	OH	5T5XX	21028	1320	27	GA
9M2CW	14154	2322	22	OR	7Q7LW	21285	1549	22	NH
9M2EE	14176	0115	25	OR	7X2LS	21220	1535	27	OH
9N1MM *	14024	1246	28	OH	9J2BO	21242	1615	23	NH
9Q5MA	14183	2030	27	OH	FH/W6KG	21222	1410	23	MA
9Q5MA	14183	1923	26	CA	FH/W6KG	21003	1439	23	MA
9Q5MA	14180	1810	28	NH	HK0BKX	21300	1530	27	OH
9Q5TV	14180	2315	28	CA	HK1KXA	21023	1555	27	GA
9Q5TV	14180	2148	28	NH	HV3SJ	21295	1350	22	MA
A4XKB	14168	1402	28	MD	TJ1UH	21241	1518	22	NH
A4XKJ	14160	1405	28	MD	TZ6MG	21213	1557	24	MD
A82G	14183	2203	5	CA	U05OCI	21018	1517	6	FL
A82RL	14160	0030	24	CT	ZF8/	21284	2045	3	CA
A82X	14160	2310	21	AK	ZF2AG				
AP2SQ	14192	1345	23	MD	12 MTRS				
BV2B	14227	0105	23	AK	9Y4RT	24985	2045	26	FL
BY1PK	14226	2330	28	CA	PP5OW	24940	2120	23	FL
BY1PK	14226	2345	27	OR	10 MTRS				
BY1QH	14030	0035	3	CA	8P6JZ	28518	1936	30	PA
BY4SZ	14210	0130	26	CA	CX4GL	28547	2046	30	PA
BY4SZ	14181	0127	25	OR	LU4EZ	28556	2039	30	PA
BY5RA	14024	0100	23	OR	Z23JJ	28034	1527	28	NH

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

FIRST CLASS MAIL

The DX Bulletin
816 Fourth Street, Suite 1001
Santa Rosa, CA 95404
U.S.A.



ICOM IC-751A

CAN YOU HANDLE THIS MUCH TRANSCEIVER?

- All HF Band Transceiver/General Coverage Receiver
- New Design
- 100% Duty Cycle Transmitter
- 105dB Dynamic Range
- All Modes Built-In USB, LSB, AM, FM, CW, RTTY
- 12 Volt Operation

The new IC-751A top-of-the-line HF base station transceiver is designed for the ham operator who demands high performance. Whether contesting or QSO'ing for pleasure, the 100 watt IC-751A incorporates the best features of the IC-751, plus brings you to the forefront with the following most-asked for additions.

More CW Control. For the CW enthusiast, the new IC-751A includes an electronic keyer unit, QSK rated at up to 40WPM, standard FL-32A 9MHz/500Hz CW filter and CW sidetone to monitor your code in RX or TX modes... great for practice!

All Amateur Band Coverage. Plus general coverage reception from 100kHz to 30MHz. May be easily modified for MARS operation.

Improved Smooth Tuning. The IC-751A features a newly designed tuning knob for velvet smooth tuning.

Added LED Annunciator. For easily identifying if you're using the tuning speed, dial, or band switching functions.

32 Memories. Mode and frequency may be stored in any of 32 memories...all the memory capability that you'll ever need.

More Stable. Even in the receive mode, the IC-751A has a sophisticated thermal sensor to monitor the internal temperature. The sensor automatically activates the cooling fan which gives maximum stability ...critical for contesting.

 **ICOM**
First in Communications

ICOM America, Inc., 2380-116th Ave NE, Bellevue, WA 98004

3150 Premier Drive, Suite 126, Irving, TX 75063 / 3071 - #5 Road, Unit 9, Richmond, B.C. V6X 2TH Canada

All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. 751A686